

2010 "LS3" 6.2L V-8 (LS3)		06/05/2009
Type:	6.2L Gen IV V-8 Small Block	
Displacement:	6162cc (376.0 ci)	
Compression ratio:	10.7:1	
Valve configuration:	Overhead valves	
Valves per cylinder:	2	
Assembly site:	St. Catharines, Ontario	
Valve lifters:	Hydraulic roller	
Firing order:	1 - 8 - 7 - 2 - 6 - 5 - 4 - 3	
Bore x stroke:	103.25 x 92mm	
Fuel system:	Sequential fuel injection	
Fuel type:	Premium fuel recommended, not required	
Engine Orientation	Longitudinal	
Valves per cylinder	2	
Bore Center (mm)	111.76	
Engine Mass (kg/lbs)	183/403	
Applications:	Horsepower: hp (kW)	
Chevrolet Camaro	426 hp (318 kW) @ 5900 rpm SAE CERTIFIED	
Chevrolet Corvette	430 hp (321 kW) @ 5900 rpm SAE CERTIFIED	
Chevrolet Corvette w/ Optional Exhaust	436 hp (325 kW) @ 5900 rpm SAE CERTIFIED	
Applications:	Torque: lb-ft. (Nm)	
Chevrolet Camaro	420 lb-ft (569 Nm) @ 4600 rpm SAE CERTIFIED	
Chevrolet Corvette	424 lb-ft (575 Nm) @ 4600 rpm SAE CERTIFIED	
Chevrolet Corvette w/ Optional Exhaust	428 lb-ft (580 Nm) @ 4600 rpm SAE CERTIFIED	
Maximum Engine Speed:	6600 rpm	
Emissions controls:	Catalytic converter Three-way catalyst Positive crankcase ventilation	
Materials:		
Block:	Cast aluminum	
Cylinder head:	Cast aluminum	
Intake manifold:	Composite	
Exhaust manifold:	Cast nodular iron	
Main bearing caps:	Powder metal	
Crankshaft:	Cast iron with undercut and rolled fillets	
Camshaft:	Hollow steel	
Connecting rods:	Forged powder metal	
Additional features:	Extended life spark plugs Extended life coolant Oil level sensor Oil Life System	